

Serial No. 10/620,760
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Amendments to the Abstract:

Please amend the Abstract of the Disclosure as submitted herewith on a separate unnumbered page.

ABSTRACT OF THE DISCLOSURE



~~(Abstract)~~

~~(Subject)~~

~~The present invention clarifies the stator core configuration and winding specifications required to ensure that the stator formed by assembling the split cores of an epicycloidal motor exhibits the optimum performances, and provides a high efficiency compact sized motor.~~

~~(Means for Solving the Problems)~~

An epicycloidal motor ~~having~~ has a stator core formed by assembling multiple split core pieces which are provided in the form of a tee, and a stator winding conductor wound in the stator core slot. The , ~~wherein the~~ ratio of the overall effective area of the conductor (including the coating of an insulator, etc.) relative to the effective sectional area of the slot is 0.5 through 0.8.

~~(Selected Figure)~~ Fig. 1